

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) ~~1.~~ A method of driving a plasma display panel including a discharge cell, the discharge cell being formed at an intersection of a scan electrode and a sustain electrode, with a data electrode, the method comprising:

dividing one field period into a plurality of sub-fields, each comprising an initializing period wherein an initializing discharge is caused with use of a ramp voltage waveform or a gradually changing voltage waveform, a writing period, and a sustaining period;

providing a first sustaining period and a second sustaining period in a sustaining period of at least one sub-field, a sustain pulse in the first sustaining period that has a first leading edge duration and a falling period of falling in a specified time, and a sustain pulse in the second sustaining period that has a second leading edge duration such that the second leading edge duration is shorter than the first leading edge duration and a falling period of falling in the specified time, wherein the first leading edge duration and the second leading edge duration are a time until a voltage is fixed by the power source by elevating a voltage of the scanning electrode or the sustain electrode by a power recovery circuit; and

disposing the second sustaining period at least at an end of the sustaining period.

2. (Previously Presented) The method of driving a plasma display panel of claim 1, wherein, in an initializing period of a sub-field succeeding the at least one sub-field including the first sustaining period and the second sustaining period, the initializing discharge is caused in a discharge cell in which sustaining discharge is caused in the at least one sub-field including the first sustaining period and the second sustaining period.

3. (Previously Presented) The method of driving a plasma display panel of claim 1, wherein, in the second sustaining period, the second leading edge duration is set to a value that causes substantially no self-erase discharge.

4. (Previously Presented) The method of driving a plasma display panel of claim 1, wherein a duration of the second sustaining period is changed according to a percentage of lit discharge cells.